

TANK FOR CULTURE MEDIUM PREPARATION

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Abstract

PURPOSE: To tank for culture medium preparation is equipped with a trap and the trap is connected through an aseptic filter to an automatic valve, thus preventing microbial contamination and showing sufficient stirring effect.

CONSTITUTION: The trap 2 is set above the culture medium preparation tank 1 and the level gauge 3 is built in the trap 3. When the solution level in the trap comes to the lower limit set previously, the level gauge 3 operates to open the automatic valve 4 and the solution in the tank is sucked by the vacuum system into the trap 3. On the contrary, when the level comes to the upper limit, the valve 4 closes and the valve 4' opens to release the vacuum and send the solution in the trap into the tank. The aseptic filter is set between the automatic valve and the trap to prevent microbial contamination.

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